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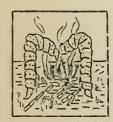
Issued in the interest of corn-borer control conducted by the United States Department of Agriculture in cooperation with the State departments of agriculture and State agricultural colleges in New York, Pennsylvania, Ohio, Michigan, and Indiana.

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FARMER URGED TO FINISH CLEAN-UP AND PASS INSPECTION

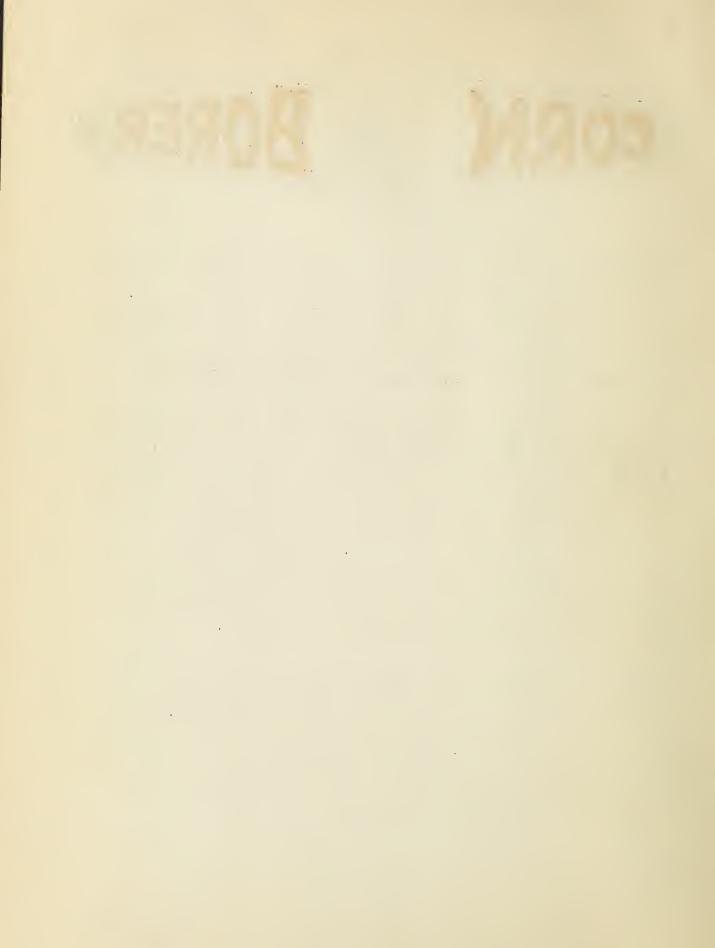


ANY CORNFIELDS in the clean-up area are now ready for inspection with everything completed, the stalks, stubble and corn remnants either burned or plowed under, and the farm shipshape as far as corn is concerned. A large number of farmers, who have been delayed by rain or other unavoidable causes should finish their voluntary clean-up satisfactorily In a study of 1,957 corn-borer inspectors' reports, soon. covering 36,533 acres of cornland, 89 per cent of the farmers were found to

A.F. Woods, director of scientific work, the personal representative of Secretary Jardine in the general conduct of the campaign urges the educational and informational extension agents, and the corn-borer supervisors and inspectors to bend every effort toward encouraging the individual farmer to FINISH HIS CLEAN-UP AND PASS INSPECTION.

be cooperating to the fullest extent in the campaign.

The individual farmer is urged to use every possible means to put on the finishing touches within the next few days that will entitle him to an extra labor fee. The reports on field conditions indicate that there are many farms on which an 85 to 95 per cent clean-up has been accomplished but on which there is still need to do some raking, gathering, and burning of stalks roots, and other remnants in the fields in order to meet inspection requirements. On a considerable number of farms too, the cleanup around buildings, barnyards, and feed lots has not been completed. necessity for a thorough and complete clean-up to meet the regulations the act can not be too strongly emphasized.



OHIO feels that it's the weatherman's turn to say whether the State-Federal campaign to check the Europeancorn borer will be a success. From 90 to 95 per cent of the farmers in the 42 infested counties have begun to clean up all remnants of their 1920 corn crop. Give the farmer another week or two of sunshine or at least deliverance from soaking rains, and 1926 cornstalks and stubble will be either burned or plowed under in all parts of the borer-infested areas, county agents report.

INDIANA reports that Director of Extension Christic has had an almost universally 100 per cent cooperation in the clean-up work. The only delays have been unusually rainy weather, which has delayed plowing and burning to a considerable extent. Farmers, however, are taking advantage of whatever good weather there is. During the epidemic of rainy weather, the farmers have insisted on the men holding meetings so that they might demonstrate the methods to be used, talk over the problems, and get every possible preparation for the work that they needed to do.

PENNSYLVANIA is making splendid progress, writes C. G. Jordan, secretary of agriculture, Pennsylvania State department of agriculture. "We are in it for a complete clean-up and will not let up until the work is done. The extension department, through the county agricultural agents under Director M. S. McDowell of State College, has carried on a most thorough campaign of education in the eight Pennsylvania quarantined counties. In addition to the work done by the extension department of State College, R. G. Bressler, deputy secretary of agriculture, has been in the field, meeting the farmers and organizing the work most thoroughly. The county supervisors and their assistants in all the counties are farmers and understand the viewpoint of farmers."

NEW YORK reports that the owners who have not cleaned up their premises will be a comparatively small percentage of the total number of farmers.

A total of 122 educational workers are now employed in the cornborer clean-up work; 4 leaders, 40 assistant county agents, 27 specialists in entomology and engineering, and 51 clerks.

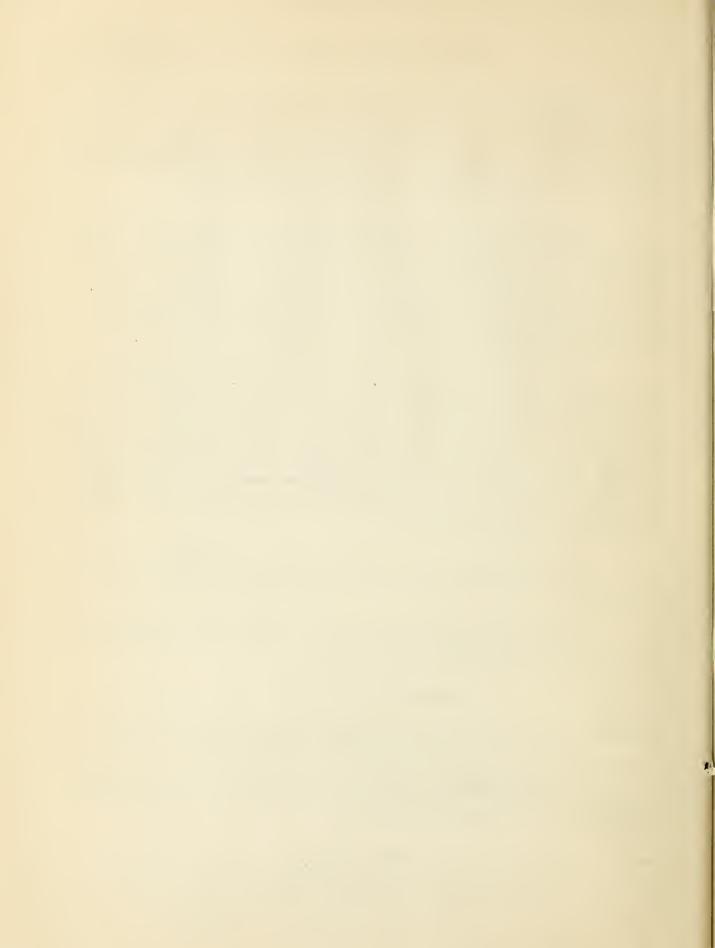
REPORTS FROM THE FIELD

MICHIGAN The county supervisor in Branch County reports, "We have all the machinery in good working order and in the field. Just as soon as the ground is dry enough we will make the stubble fly."

Hillsdale County supervisor says, "Had a meeting of all my farm inspectors at headquarters to discuss their problems. All reported splendid cooperation and farmers doing their best to meet requirements, though handicapped by wet weather."

OHIO The county supervisor in Portage County says, "If everybody does what they say they will do, old Portage will make a good record."

The supervisor in Columbiana and Mahoning Counties reports that snow and rain have retarded the work to some extent, but that as soon as the weather is good the farmers will begin the clean-up work in earnest. All farmers are cooperating, and there is little opposition to the work.



Cuyahoga County supervisor reports the work as progressing very satisfactorily and farmers doing all in their power to get the clean-up work done. In this county real-estate companies own a number of large tracts of land which probably will have to be cleaned up by Government forces.

INTERPATIONAL CORN-BORER COLMITTEE MEETS

The executive committee of the international corn-borer organization, backer of the present campaign to check the European corn borer, visited cornfields in Ohio and Michigan on April 29, and Ontario, Canada, on April 30 to get first-hand information on the progress of the control campaign in the two countries. The committee was tremendously impressed by the farmers' spirit of determination to clean up fields and premises despite many handicaps. The committee visited one barnyard that displayed cornstalks with seven borers per stalk. Discovery by Federal scouts of 1,000 borers per acre in small pieces of trash and corn stubble on fields partly cleaned up convinced the committee that only a complete clean-up would check the borer.

Opportunity was given to observe the power burner in action and also the parasite conservation cages. For of these screen cages, 100 feet square, have been established in the infested area where parasites have been liberated, to preserve the parasites from destruction along with the corn borer. The party also visited the U. S. Entomological Laboratory in Monroe, Mich., where some remarkable work in breeding and rearing corn-borer parasites for liberation in infested areas is being done.

On April 30 they went to the infested area in Ontario, Ganada, to observe the progress of the clean-up, which is being carried on along much the same lines as in the States. They found the work progressing satisfactorily but with a much smaller acreage than in most of the control area here. Canadian farmers have not been happened by so much unfavorable weather. Professor L. Ceasar, Provincial entomologist for Ontario, A. B. Baird, in charge of parasite work at the Chatham Laboratory, and J. H. Swaine, representing the Dominion entomological branch, joined the party in Windsor, Ont.

The following members attended the conference: C. F. Curties, dean of the division of agriculture and director of the experiment station, lova State College; G. T. Christie, director of agricultural extension work, Indiana; C. V. Triax, director, department of agriculture, Ohio; herbert E. Powell, State commissioner of agriculture, Michigan, and A. C. Carten, director, bureau of agricultural industry, Michigan; C. P. Norgord, assistant commissioner, department of firms and markets, New York. L. H. Worthley, and C. O. Reed of the corn-borer field organization, and W. H. Larrimer and D. J. Carfrey, of the Bureau of Entomology, Washington, D. C., accompanied the committee.



HADLIY JOINS C.H. Madley, formerly director of the bureau of plant indus-TOLEDO STAFF try, Pennsylvania Department of Agriculture, took up his duties on May 2, as assistant to L.H. Worthley in charge of the field organization of the corn-borer control campaign, with headquarters in Toledo. Mr. Hadley will relieve Mr. Worthley of much of the office routine and assist him in the administration of the compulsory clean-up regulations.

Mr. Hadley has had experience in the control of injurious insects, having charge of the Japanese beetle project of the U.S.Department of Agriculture from 1919 to 1923. As director of the bureau of plant industry in Pennsylvania, he has come into contact with the corn borer and has assisted materially in the control program for several years. He is the author of several publications on the corn borer, Japanese beetle, and other entomological subjects.

EQUIPATION In Ohio, where the infestation of the corn borer is heaviest IN THE FIELD and where the clean-up work is more difficult, 14 tank trucks equipped with necessary burner carriages have been assigned to the counties. The burner carriages are supplied with oil from the tank trucks through special hose at 700 pounds pressure and generate a heat of 1,400°F. The carriages are pulled across the fields by a burning crew and consume all stalks, stubble, and other debris in the field quickly and thoroughly. About 15 acres a day can be burned in this way. This is the most effective way of destroying the borer; but as it is costly it will be used only in especially heavily infested fields, at times then speed is an important factor, and in low, wet areas or where other physical features make plowing and the regular control measures difficult.

Tractors, plows, trucks, and stubble beaters are daily leaving the Toledo office and other supply stations for use in the field. About 66 trucks of 1 ton or one-half ton capacity have been distributed, 42 going to counties in Michigan, 34 to Ohio, 3 to Indiana, and 2 to New York. Stubble beaters and tractors are still available to farmers who have not completed their clean-up.

READY TOR The man in immediate charge of the actual clean-up operations, the FRAY the county supervisor, is girding his loins for battle, determined to make a 100 per cent clean-up against the corn borer in every acre of the 2,500,000 acres of cornland in the campaign area. These men, representing the 82 counties included in the clean-up area, met on Tuesday, Mednesday, and Thursday to receive more detailed instruction on the regulations to be enforced and to discuss some of the knottier field problems they are coming up against. County supervisors in the northwestern division tet May 2, at Toledo; those in Michigan, May 3, at Howell, Mich.; and those in the northeastern division May 4, at Cleveland, Ohio.

In Indiana the following local men have received appointment accounty supervisors: Wilson Snider, Allen County; G.F. Praul, De Kalb County; and W.C. Brandeberry, Steuben County.



BACK-YARD In Michigan, a proclamation in regard to the control of the GARDENS European corn borer has been issued by the commissioner of agriculture, Heroert E. Powell, urging the cooperation of city and town people in cleaning up their gardens and in bringing the matter to the attention of those affected by the regulations.

A letter was also sent to the editors of papers in the Michigan corn-borer counties by the publications office of the State college urging the support of the press in arousing city gardeners to the necessity of

quick and thorough action.

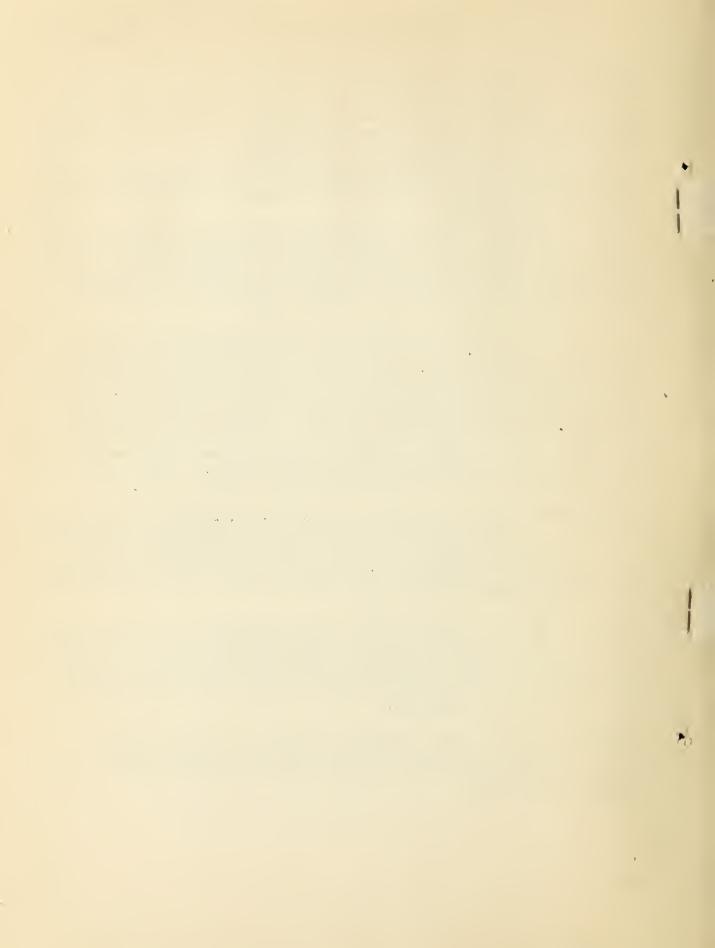
Many city dwellers with a patch of sweet corn in the back yard have not yet realized that the corn-borer control regulations also apply to them. In cleaning up the garden, emphasis is being placed on the fact that refuse should not be sent to the dump or carted off to start infestation in other places but should be thoroughly burned and all remants or stubble left in the garden plowed or spaded under.

NOT SO BAD It was with some doubts as to his reception by the farmers that R.D.Goss, one of the agricultural engineers at Purdue University, La Fayette, Ind., started out to show them how to adjust their machinery and place wires on the plow to meet control regulations. Rumors had been affoct of not altogether enthusiastic receptions accorded other well-meaning gentlemen on similar missions. Better fortune awaited Mr. Goss however, for returning to headquarters at the end of his first day, he reported that as a result of visiting six farmers and demonstrating to them, five invited him back to a Sunday chicken dinner. We are sorry but there are no more similar vacancies now on the corn-borer force.

FLIPPER DOES A farmer in Lagrange County, Ind., H.B.Long, has invented an CLEAN JOP interesting little device made of strap iron called a flipper. It attaches to the furrow wheel of a sulky plow and does a more effective job of putting stalks under the furrow slice than anything yet devised. It is reported to make possible a 99 per cent job of covering heavy cornstalks with a 15-inch plow.

BEHIND One of the busy offices in the background but revertheless very THE LINES vital in putting across the corn-borer campaign is the office in the Bureau of Entomology handling business and fiscal matters relating to the campaign in Washington. These busy folks under the direction of H.T.Cronin are working night and day taking care of the business needs for the field organization.

PERSONNEL A. S. Mathewson, formerly in charge of the supply station at CHANGES Headville, Pa., has been transferred to Cleveland, Ohio, to assist E.G.Brewer in charge of the field organization in Ohio, Michigan, and Indiana.



NEW MOTION A new picture, "Old Jake Wakes Up," is being staged at PICTURE Bowling Green, Wood County, Ohio, to be used in the cornborer campaign. The picture will be somewhat in the nature of a comedy, depicting a cantankerous old farmer who refuses to cooperate in the clean-up campaign, and who finally sees the error of his ways after having a dream in which he is pursued and in other ways annoyed by cornborers of enormous size. Raymond Evans, Chief of the Office of Lotion Pictures, Extension Service, U. S. Department of Agriculture, Washington, D. C., and Corliss Cramer, also of the Office of Motion Pictures, are now in the field filming the picture.

PUBLICITY IN Many interesting methods have been developed by county agents
THE COUNTY who have had to use all their ingenuity in getting the message
of the corn-borer control campaign to the farmers in their
county in the short space of time available. An example of this is the cartoon used by Herman R. Muller, assistant county agent in corn-borer work,
De Kalb County, Ind., and sent to back-yard gardeners in Auburn.

OH, MIN! SEE ATHIS COPN BORER

MY HELP ME BURN'IM

Corn in gardens spreads the corn borer as much as corn in fields. Backlot gardens will be inspected so burn all stalks and corn rubbish left from last year, before your garden is plowed. Don't send corn refuse to the dump.

H. R. Muller

Asst. County Agent, Auburn, Indiana

(Courtesy of the Chicago Tribune)

